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# MILK

## PRODUCTION, DISPOSITION, and INCOME

1964 - 65 +

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## C O N T E N T S

	<u>Page</u>
Milk production, disposition, and income.....	3
Tables:	
Annual production, disposition, and income:	
United States, 1955-65.....	4
By States, 1965.....	6
By States, 1964.....	10
Utilization of milk, United States, 1960-65.....	14
Manufacturing grade milk as percent of all milk sold, by regions, 1950-65.....	16

## MILK PRODUCTION, DISPOSITION AND INCOME, 1964-65 1/

### Summary

Milk production totaled 125.1 billion pounds in 1965 -- down 1.5 percent from the record 127.0 billion pounds produced in 1964. Milk and milk equivalent of cream marketed by farmers returned \$4.27 per 100 pounds in 1965 compared with \$4.18 a year earlier. Cash receipts from the 1965 marketings totaled \$5,084 million, 1 percent more than the previous record in 1964. Farm value of milk produced totaled \$5,343 million compared with \$5,311 million in 1964. Of the milk produced in 1965, utilization in factory products accounted for 49.8 percent, compared with 50.8 percent in 1964.

### 1965 milk production down 1.5 percent

The 1965 milk output was 125.1 billion pounds, 1.5 percent below the 1964 record. Production per cow, at 8,080 pounds in 1965, was 2.2 percent above 1964 -- the smallest annual increase since 1954. On a daily basis, total milk production in 1965 was down 1.3 percent, while output per cow was up 2.5 percent. The daily comparison is made because 1964 was a leap year with an extra day. The annual average number of milk cows, at 15,477 thousand, was 3.6 percent less than in 1964.

### Utilization percentages shift

Milk used in production of factory products accounted for 49.8 percent of the milk produced in 1965 compared with 50.8 percent in 1964. This is the first time since 1960 that factory products have accounted for less than one-half of the total milk output. Nonfarm fluid consumption accounted for about 43 percent of the milk output compared with 42 percent in 1964. Farm uses (milk fed to calves, consumed in fluid form, and used for farm-churned butter) accounted for 6.8 percent of the total production compared with 7.1 percent a year earlier.

Of the milk used for factory products, 46 percent went into butter production in 1965 compared with 48 percent in 1964, and 25 percent was used for production of cheese compared with 24 percent in 1964.

### Farm uses down 8 percent

Utilization of milk on farms where produced amounted to 5,934 million pounds in 1965 -- down 8 percent from 1964. Farm utilization has declined at an average annual rate of 8 percent since 1959. Of the milk used on farms where produced, fluid consumption accounted for 57 percent; fed to calves, 36 percent; and farm-churned butter, 7 percent.

Continued on page 15

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1/ This report was prepared by G. G. Butler and K. D. Ackers, Agricultural Statisticians, under the direction of I. E. Wissinger, Chief, Dairy Statistics Branch, Agricultural Estimates Division, Statistical Reporting Service.

Table 1.-Milk cows and production of milk, milkfat, and butter on farms, United States, 1955-65 <sup>1/</sup>

Year	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil.lb.	Mil.lb.	1,000 lb.
1955.....	21,044	5,842	225	3.84	122,945	4,726	162,070
1956.....	20,501	6,090	233	3.82	124,860	4,773	139,810
1957.....	19,774	6,303	240	3.81	124,628	4,744	119,354
1958.....	18,711	6,585	249	3.78	123,220	4,658	96,123
1959.....	17,901	6,815	256	3.76	121,989	4,588	76,307
1960.....	17,560	7,002	263	3.76	122,951	4,623	62,206
1961.....	17,367	7,223	271	3.75	125,442	4,709	51,686
1962.....	17,050	7,391	276	3.74	126,021	4,708	41,514
1963.....	16,534	7,561	281	3.71	125,009	4,642	33,357
1964.....	16,061	7,907	293	3.70	127,000	4,703	26,131
1965.....	15,477	8,080	300	3.71	125,061	4,636	20,470

<sup>1/</sup> Includes Alaska and Hawaii beginning 1960.<sup>2/</sup> Average number on farms during year, excluding heifers not yet fresh.<sup>3/</sup> Excludes milk sucked by calves.Table 2.-Milk used and marketed by farmers, United States, 1955-65 <sup>1/</sup>

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves <sup>2/</sup>	Consumed as fluid milk or cream	Used for farm- churned butter	Total	Sold to plants and dealers		Retailled by farmers as milk and cream <sup>3/</sup>	Total
					As whole milk	As farm- separated cream		
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.
1955.....	3,266	8,114	3,245	14,625	90,960	14,688	2,672	108,320
1956.....	3,119	7,694	2,814	13,627	95,521	13,264	2,448	111,233
1957.....	2,950	7,003	2,428	12,381	98,284	11,669	2,294	112,247
1958.....	2,767	6,393	1,987	11,147	99,626	10,280	2,167	112,073
1959.....	2,658	5,776	1,602	10,036	100,809	9,073	2,071	111,953
1960.....	2,551	5,322	1,322	9,195	103,791	7,942	2,023	113,756
1961.....	2,459	4,864	1,112	8,435	108,145	6,910	1,952	117,007
1962.....	2,361	4,410	902	7,673	110,577	5,887	1,884	118,348
1963.....	2,281	4,023	723	7,027	111,105	5,080	1,797	117,982
1964.....	2,204	3,693	572	6,469	114,273	4,478	1,780	120,531
1965.....	2,128	3,355	451	5,934	113,564	3,813	1,750	119,127

<sup>1/</sup> Includes Alaska and Hawaii beginning 1960.<sup>2/</sup> Excludes milk sucked by calves.<sup>3/</sup> Sales by producer-distributors and other farmers on own routes or at farm.



Table 3.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, United States, 1955-65 <sup>1/</sup>

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
1955.....	90,960	4.01	3,643,878	544,680	57.8	314,848	1,245	20.8	258,407
1956.....	95,521	4.14	3,953,802	492,300	59.4	292,658	1,139	21.0	239,030
1957.....	98,284	4.21	4,137,026	434,890	60.6	263,578	1,066	21.3	227,438
1958.....	99,626	4.13	4,114,048	382,340	59.3	226,917	1,011	21.3	215,541
1959.....	100,809	4.16	4,195,492	335,560	60.1	201,769	961	21.5	206,242
1960.....	103,791	4.21	4,371,110	292,650	60.5	177,045	942	21.8	204,913
1961.....	108,145	4.22	4,564,145	254,540	61.5	156,598	910	21.8	197,964
1962.....	110,577	4.10	4,532,419	216,530	59.5	128,782	874	22.1	192,967
1963.....	111,105	4.11	4,562,961	185,270	59.6	110,458	835	22.3	186,142
1964.....	114,273	4.16	4,752,630	162,090	60.3	97,727	825	22.4	184,729
1965.....	113,564	4.24	4,819,214	138,787	59.8	82,946	814	22.4	182,325

<sup>1/</sup> Includes Alaska and Hawaii beginning 1960.

Table 4.-Farm marketings, income, and value of dairy products, United States, 1955-65 <sup>1/</sup>

Year	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products <u>4/</u>	Farm value of all milk produced <u>3/ 5/</u>
	Milk utilized	Average returns <u>2/</u>		Cash receipts from marketings	Milk utilized	Value <u>3/</u>		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
1955.....	108,320	3.89	1.01	4,217,133	11,359	494,808	4,711,941	4,834,842
1956.....	111,233	4.03	1.05	4,485,490	10,508	468,451	4,953,941	5,075,318
1957.....	112,247	4.12	1.08	4,628,042	9,431	422,524	5,050,566	5,166,860
1958.....	112,073	4.07	1.08	4,556,506	8,380	373,267	4,929,773	5,037,729
1959.....	111,953	4.11	1.09	4,603,503	7,378	328,718	4,932,221	5,037,223
1960.....	113,756	4.18	1.11	4,753,068	6,644	297,854	5,050,922	5,152,965
1961.....	117,007	4.20	1.12	4,918,707	5,976	266,495	5,185,202	5,285,592
1962.....	118,348	4.10	1.10	4,854,168	5,312	230,653	5,084,821	5,176,877
1963.....	117,982	4.12	1.11	4,859,561	4,746	207,439	5,067,000	5,156,689
1964.....	120,531	4.18	1.13	5,035,086	4,265	189,156	5,224,242	5,311,094
1965.....	119,127	4.27	1.15	5,084,485	3,806	170,781	5,255,266	5,343,083

<sup>1/</sup> Includes Alaska and Hawaii beginning 1960.

<sup>2/</sup> Cash receipts divided by milk or milkfat represented in combined marketings.

<sup>3/</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>4/</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

<sup>5/</sup> Includes value of milk fed to calves.

Table 5.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1965 <sup>1/</sup>

State and division	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me. ....	82	9,220	360	3.90	756	29	170
N. H. ....	43	9,000	351	3.90	387	15	30
Vt. ....	234	8,660	333	3.85	2,026	78	25
Mass. ....	79	10,100	374	3.70	798	30	10
R. I. ....	10.4	9,900	361	3.65	103	4	-
Conn. ....	72	9,900	371	3.75	713	27	10
N. Y. ....	1,173	9,420	339	3.60	11,050	398	90
N. J. ....	107	10,050	367	3.65	1,075	39	15
Pa. ....	787	8,890	333	3.75	6,996	262	300
N. Atl. ....	2,587	9,240	341	3.69	23,904	882	650
Ohio.....	568	9,130	338	3.70	5,186	192	310
Ind. ....	363	8,830	336	3.80	3,205	122	150
Ill. ....	447	8,900	325	3.65	3,978	145	220
Mich. ....	604	9,390	343	3.65	5,672	207	120
Wis. ....	2,078	9,190	340	3.70	19,097	707	50
E. N. Cent. ....	4,060	9,147	338	3.70	37,138	1,373	850
Minn. ....	1,231	8,550	304	3.55	10,525	374	160
Iowa. ....	734	7,770	280	3.60	5,703	205	420
Mo. ....	544	6,090	244	4.00	3,313	133	1,100
N. Dak. ....	227	6,790	244	3.60	1,541	55	400
S. Dak. ....	224	6,400	227	3.55	1,434	51	220
Nebr. ....	271	6,600	238	3.60	1,789	64	410
Kans. ....	268	6,680	244	3.65	1,790	65	510
W. N. Cent. ....	3,499	7,458	271	3.63	26,095	947	3,220
Del. ....	22	7,860	295	3.75	173	6	-
Md. ....	203	7,810	293	3.75	1,585	59	120
Va. ....	280	6,750	256	3.80	1,890	72	1,400
W. Va. ....	102	5,500	209	3.80	561	21	670
N. C. ....	232	6,710	255	3.80	1,557	59	2,300
S. C. ....	87	5,870	229	3.90	511	20	500
Ga. ....	170	5,800	223	3.85	986	38	1,100
Fla. ....	178	7,800	308	3.95	1,388	55	70
S. Atl. ....	1,274	6,790	259	3.81	8,651	330	6,160
Ky. ....	431	6,110	238	3.90	2,633	103	1,400
Tenn. ....	444	5,000	200	4.00	2,220	89	1,600
Ala. ....	194	4,770	186	3.90	925	36	1,500
Miss. ....	268	4,260	173	4.05	1,142	46	1,300
Ark. ....	162	5,050	197	3.90	818	32	750
La. ....	203	4,900	194	3.95	995	39	450
Okla. ....	189	6,940	253	3.65	1,312	48	400
Tex. ....	459	6,610	245	3.70	3,034	112	950
S. Cent. ....	2,350	5,566	215	3.86	13,079	505	8,350
Mont. ....	65	6,060	221	3.65	394	14	250
Idaho. ....	178	8,320	308	3.70	1,481	55	120
Wyo. ....	25.5	6,860	247	3.60	175	6	70
Colo. ....	106	7,800	281	3.60	827	30	180
N. Mex. ....	40	7,300	263	3.60	292	11	50
Ariz. ....	51	10,370	368	3.55	529	19	10
Utah.....	85	8,660	312	3.60	736	26	50
Nev. ....	14.0	9,570	345	3.60	134	5	10
Wash. ....	214	9,290	358	3.85	1,988	77	230
Oreg. ....	129	7,570	310	4.10	977	40	180
Calif. ....	783	10,840	396	3.65	8,488	310	90
West. ....	1,690	9,480	351	3.70	16,021	593	1,240
Alaska.....	2.3	9,000	324	3.60	20.7	1	-
Hawaii.....	15.1	10,090	348	3.45	152	5	-
U. S. ....	15,477	8,080	300	3.71	125,061	4,636	20,470

<sup>1/</sup> Preliminary. <sup>2/</sup> Average number on farms during year, excluding heifers not yet fresh. <sup>3/</sup> Excludes milk sucked by calves.



Table 6.-Milk used and marketed by farmers, by States, 1965 1/

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves 2/	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers		Retailed by farmers as milk and cream 3/	Total
					As whole milk	As farm-separated cream		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Me. ....	8	20	4	32	702	-	22	724
N. H. ....	5	8	1	14	357	-	16	373
Vt. ....	23	23	1	47	1,960	-	19	1,979
Mass. ....	6	11	-	17	700	-	81	781
R. I. ....	1	1	-	2	94	-	7	101
Conn. ....	9	10	-	19	656	-	38	694
N. Y. ....	160	127	2	289	10,620	15	126	10,761
N. J. ....	11	11	-	22	1,010	-	43	1,053
Pa. ....	70	139	7	216	6,670	25	85	6,780
N. Atl. ....	293	350	15	658	22,769	40	437	23,246
Ohio.....	86	113	7	206	4,925	25	30	4,980
Ind. ....	34	78	3	115	3,060	18	12	3,090
Ill. ....	50	84	5	139	3,780	37	22	3,839
Mich. ....	107	84	3	194	5,330	130	18	5,478
Wis. ....	468	255	1	724	18,330	14	29	18,373
E. N. Cent. ....	745	614	19	1,378	35,425	224	111	35,760
Minn. ....	190	175	4	369	9,695	443	18	10,156
Iowa. ....	128	159	10	297	4,620	760	26	5,406
Mo. ....	53	157	23	233	2,910	140	30	3,080
N. Dak. ....	38	55	10	103	520	910	8	1,438
S. Dak. ....	27	47	6	80	1,070	280	4	1,354
Nebr. ....	52	74	10	136	1,135	510	8	1,653
Kans. ....	48	70	11	129	1,485	140	36	1,661
W. N. Cent. ....	536	737	74	1,347	21,435	3,183	130	24,748
Del. ....	2	4	-	6	165	-	2	167
Md. ....	16	25	3	44	1,520	-	21	1,541
Va. ....	38	140	32	210	1,620	35	25	1,680
W. Va. ....	9	66	15	90	435	14	22	471
N. C. ....	23	152	52	227	1,305	-	25	1,330
S. C. ....	5	40	11	56	447	-	8	455
Ga. ....	8	49	24	81	870	-	35	905
Fla. ....	6	12	2	20	1,330	-	38	1,368
S. Atl. ....	107	488	139	734	7,692	49	176	7,917
Ky. ....	35	188	31	254	2,320	14	45	2,379
Tenn. ....	28	133	32	193	2,000	2	25	2,027
Ala. ....	10	92	31	133	760	-	32	792
Miss. ....	12	107	26	145	985	-	12	997
Ark. ....	9	56	16	81	720	4	13	737
La. ....	6	81	10	97	890	-	8	898
Okla. ....	26	51	9	86	1,150	56	20	1,226
Tex. ....	29	122	21	172	2,800	8	54	2,862
S. Cent. ....	155	830	176	1,161	11,625	84	209	11,918
Mont. ....	11	42	6	59	250	80	5	335
Idaho. ....	44	47	3	94	1,345	27	15	1,387
Wyo. ....	5	14	2	21	130	20	4	154
Colo. ....	26	39	4	69	700	40	18	758
N. Mex. ....	4	12	1	17	253	-	22	275
Ariz. ....	6	9	-	15	490	-	24	514
Utah. ....	11	28	1	40	670	4	22	696
Nev. ....	3	2	-	5	125	2	2	129
Wash. ....	47	45	5	97	1,825	22	44	1,891
Oreg. ....	32	38	4	74	845	27	31	903
Calif. ....	100	57	2	159	7,825	11	493	8,329
West. ....	289	333	28	650	14,458	233	680	15,371
Alaska.....	0.4	0.6	-	1.0	19.0	-	0.7	19.7
Hawaii.....	3	2	-	5	141	-	6	147
U. S. ....	2,128	3,355	451	5,934	113,564	3,813	1,750	119,127

1/ Preliminary. 2/ Excludes milk sucked by calves. 3/ Sales by producer-distributors and other farmers on own routes or at farm.

Table 7.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1965 1/

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me. ....	702	5.26	36,925	-	-	-	10	25.5	2,550
N. H. ....	357	5.45	19,456	-	-	-	7	25.4	1,778
Vt. ....	1,960	4.79	93,884	-	-	-	9	22.9	2,061
Mass. ....	700	5.59	39,130	-	-	-	38	26.0	9,880
R. I. ....	94	5.55	5,217	-	-	-	3	26.2	786
Conn. ....	656	5.63	36,933	-	-	-	18	26.7	4,806
N. Y. ....	10,620	4.41	468,342	580	52	302	59	20.9	12,331
N. J. ....	1,010	4.99	50,399	-	-	-	20	24.6	4,920
Pa. ....	6,670	4.79	319,493	940	56	526	40	21.5	8,600
N. Atl. ....	22,769	4.70	1,069,779	1,520	54.5	828	204	23.4	47,712
Ohio.....	4,925	4.32	212,760	970	50	485	14	22.5	3,150
Ind. ....	3,060	4.23	129,438	710	50	355	6	21.7	1,302
Ill. ....	3,780	3.85	145,530	1,370	53	726	10	20.0	2,000
Mich. ....	5,330	4.17	222,261	4,890	59	2,885	8	19.7	1,576
Wis. ....	18,330	3.55	650,715	510	66	337	13	21.1	2,743
E. N. Cent. .	35,425	3.84	1,360,704	8,450	56.7	4,788	51	21.1	10,771
Minn. ....	9,695	3.34	323,813	15,640	65	10,166	8	19.5	1,560
Iowa.....	4,620	3.54	163,548	27,130	63	17,092	12	21.0	2,520
Mo. ....	2,910	3.89	113,199	5,750	51	2,932	14	19.3	2,702
N. Dak. ....	520	3.36	17,472	32,670	61	19,929	4	20.0	800
S. Dak. ....	1,070	3.42	36,594	9,880	61	6,027	2	21.2	424
Nebr. ....	1,135	3.74	42,449	18,310	57	10,437	4	19.5	780
Kans. ....	1,485	4.10	60,885	5,190	55	2,854	17	19.7	3,349
W. N. Cent. .	21,435	3.54	757,960	114,570	60.6	69,437	61	19.9	12,135
Del. ....	165	5.18	8,547	-	-	-	1	23.5	235
Md. ....	1,520	5.07	77,064	-	-	-	10	25.0	2,500
Va. ....	1,620	5.06	81,972	1,430	46	658	12	25.0	3,000
W. Va. ....	435	4.75	20,662	580	42	244	10	23.1	2,310
N. C. ....	1,305	5.81	75,820	-	-	-	12	19.5	2,340
S. C. ....	447	5.83	26,060	-	-	-	4	22.9	916
Ga. ....	870	5.97	51,939	-	-	-	16	22.7	3,632
Fla. ....	1,330	6.16	81,928	-	-	-	18	24.5	4,410
S. Atl. ....	7,692	5.51	423,992	2,010	44.9	902	83	23.3	19,343
Ky. ....	2,320	4.01	93,032	570	51	291	21	21.2	4,452
Tenn. ....	2,000	4.36	87,200	80	50	40	12	19.0	2,280
Ala. ....	760	5.76	43,776	-	-	-	15	20.0	3,000
Miss. ....	985	4.95	48,758	-	-	-	6	20.7	1,242
Ark. ....	720	4.67	33,624	160	48	77	6	20.2	1,212
La. ....	890	5.76	51,264	-	-	-	4	21.4	856
Okla. ....	1,150	4.64	53,360	2,190	56	1,226	9	20.2	1,818
Tex. ....	2,800	5.05	141,400	320	48	154	25	24.4	6,100
S. Cent. ....	11,625	4.75	552,414	3,320	53.9	1,788	98	21.4	20,960
Mont. ....	250	4.61	11,525	3,000	59	1,770	2	24.0	480
Idaho.....	1,345	3.51	47,210	990	57	564	7	22.0	1,540
Wyo. ....	130	4.14	5,382	720	56	403	2	20.0	400
Colo. ....	700	4.91	34,370	1,510	57	861	8	22.5	1,800
N. Mex. ....	253	5.04	12,751	-	-	-	10	22.0	2,200
Ariz. ....	490	5.10	24,990	-	-	-	11	22.8	2,508
Utah.....	670	4.09	27,403	140	52	73	10	16.7	1,670
Nev. ....	125	5.21	6,512	70	58	41	1	25.0	250
Wash. ....	1,825	4.35	79,388	917	56	514	20	23.0	4,600
Oreg. ....	845	4.61	38,954	1,160	62	719	14	24.5	3,430
Calif. ....	7,825	4.50	352,125	410	63	258	229	22.5	51,525
West. ....	14,458	4.43	640,610	8,917	58.3	5,203	314	22.4	70,403
Alaska.....	19.0	9.69	1,841	-	-	-	0.3	37.7	113
Hawaii.....	141	8.45	11,914	-	-	-	3	29.6	888
U. S. ....	113,564	4.24	4,819,214	138,787	59.8	82,946	814	22.4	182,325

1/ Preliminary.

Table 8.-Farm marketings, income, and value of dairy products, by States, 1965 1/

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products <sup>4/</sup>	Farm value of all milk produced <sup>3/ 5/</sup>
	Milk utilized	Average returns <sup>2/</sup>		Cash receipts from marketings	Milk utilized	Value <sup>3/</sup>		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me. ....	724	5.45	1.40	39,475	24	1,308	40,783	41,202
N. H. ....	373	5.69	1.46	21,234	9	512	21,746	22,020
Vt. ....	1,979	4.85	1.26	95,945	24	1,164	97,109	98,261
Mass. ....	781	6.28	1.70	49,010	11	691	49,701	50,114
R. I. ....	101	5.94	1.63	6,003	1	59	6,062	6,118
Conn. ....	694	6.01	1.60	41,739	10	601	42,340	42,851
N. Y. ....	10,761	4.47	1.24	480,975	129	5,766	486,741	493,935
N. J. ....	1,053	5.25	1.44	55,319	11	578	55,897	56,438
Pa. ....	6,780	4.85	1.29	328,619	146	7,081	335,700	339,306
N. Atl. ....	23,246	4.81	1.30	1,118,319	365	17,760	1,136,079	1,150,245
Ohio.....	4,980	4.35	1.18	216,395	120	5,220	221,615	225,591
Ind. ....	3,090	4.24	1.12	131,095	81	3,434	134,529	135,892
Ill. ....	3,839	3.86	1.06	148,256	89	3,435	151,691	153,551
Mich. ....	5,478	4.14	1.13	226,722	87	3,602	230,324	234,821
Wis. ....	18,373	3.56	.96	653,795	256	9,114	662,909	679,853
E. N. Cent. ....	35,760	3.85	1.04	1,376,263	633	24,805	1,401,068	1,429,708
Minn. ....	10,156	3.30	.93	335,539	179	5,907	341,446	347,325
Iowa. ....	5,406	3.39	.94	183,160	169	5,729	188,889	193,332
Mo. ....	3,080	3.86	.96	118,833	180	6,948	125,781	127,882
N. Dak. ....	1,438	2.66	.74	38,201	65	1,729	39,930	40,991
S. Dak. ....	1,354	3.18	.90	43,045	53	1,685	44,730	45,601
Nebr. ....	1,653	3.25	.90	53,666	84	2,730	56,396	58,142
Kans. ....	1,661	4.04	1.11	67,088	81	3,272	70,360	72,316
W. N. Cent. ....	24,748	3.39	.93	839,532	811	28,000	867,532	885,589
Del. ....	167	5.26	1.40	8,782	4	210	8,992	9,100
Md. ....	1,541	5.16	1.38	79,564	28	1,445	81,009	81,786
Va. ....	1,680	5.10	1.34	85,630	172	8,772	94,402	96,390
W. Va. ....	471	4.93	1.30	23,216	81	3,993	27,209	27,657
N. C. ....	1,330	5.88	1.55	78,160	204	11,995	90,155	91,552
S. C. ....	455	5.93	1.52	26,976	51	3,024	30,000	30,302
Ga. ....	905	6.14	1.59	55,571	73	4,482	60,053	60,540
Fla. ....	1,368	6.31	1.60	86,338	14	883	87,221	87,583
S. Atl. ....	7,917	5.61	1.47	444,237	627	34,804	479,041	484,910
Ky. ....	2,379	4.11	1.05	97,775	219	9,001	106,776	108,216
Tenn. ....	2,027	4.42	1.10	89,520	165	7,293	96,813	98,124
Ala. ....	792	5.91	1.52	46,776	123	7,269	54,045	54,668
Miss. ....	997	5.02	1.24	50,000	133	6,677	56,677	57,328
Ark. ....	737	4.74	1.22	34,913	72	3,413	38,326	38,773
La. ....	898	5.80	1.47	52,120	91	5,278	57,398	57,710
Okla. ....	1,226	4.60	1.26	56,404	60	2,760	59,164	60,352
Tex. ....	2,862	5.16	1.39	147,654	143	7,379	155,033	156,554
S. Cent. ....	11,918	4.83	1.25	575,162	1,006	49,070	624,232	631,725
Mont. ....	335	4.11	1.13	13,775	48	1,973	15,748	16,193
Idaho.....	1,387	3.56	.96	49,314	50	1,780	51,094	52,724
Wyo. ....	154	4.02	1.12	6,185	16	643	6,828	7,035
Colo. ....	758	4.89	1.36	37,031	43	2,103	39,134	40,440
N. Mex. ....	275	5.44	1.51	14,951	13	707	15,658	15,885
Ariz. ....	514	5.35	1.51	27,498	9	482	27,980	28,302
Utah.....	696	4.19	1.16	29,146	29	1,215	30,361	30,838
Nev. ....	129	5.27	1.46	6,803	2	105	6,908	7,062
Wash. ....	1,891	4.47	1.16	84,502	50	2,235	86,737	88,864
Oreg. ....	903	4.77	1.16	43,103	42	2,003	45,106	46,603
Calif. ....	8,329	4.85	1.33	403,908	59	2,862	406,770	411,668
West. ....	15,371	4.66	1.26	716,216	361	16,108	732,324	745,614
Alaska.....	19.7	9.92	2.76	1,954	0.6	60	2,014	2,053
Hawaii.....	147	8.71	2.52	12,802	2	174	12,976	13,239
U. S. ....	119,127	4.27	1.15	5,084,485	3,806	170,781	5,255,266	5,343,083

1/ Preliminary.

2/ Cash receipts divided by milk or milkfat represented in combined marketings.

3/ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

5/ Includes value of milk fed to calves.



Table 9.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1964

State and division	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me. ....	87	8,980	350	3.90	781	30	260
N. H. ....	44	8,550	333	3.90	376	15	50
Vt. ....	241	8,420	324	3.85	2,029	78	40
Mass. ....	83	9,770	361	3.70	811	30	20
R. I. ....	11.1	9,550	353	3.70	106	4	1
Conn. ....	74	9,560	358	3.75	707	27	20
N. Y. ....	1,198	9,140	329	3.60	10,950	394	130
N. J. ....	112	9,790	362	3.70	1,096	41	20
Pa. ....	820	8,600	322	3.75	7,052	264	400
N. Atl. ....	2,670	8,954	331	3.69	23,908	883	941
Ohio.....	599	8,980	337	3.75	5,379	202	420
Ind. ....	385	8,740	332	3.80	3,365	128	190
Ill. ....	478	8,670	316	3.65	4,144	151	280
Mich. ....	620	9,350	341	3.65	5,797	212	160
Wis. ....	2,115	9,080	331	3.65	19,204	701	65
E. N. Cent. ....	4,197	9,028	332	3.68	37,889	1,394	1,115
Minn. ....	1,265	8,670	308	3.55	10,968	389	200
Iowa. ....	776	7,920	285	3.60	6,146	221	510
Mo. ....	573	5,950	235	3.95	3,409	135	1,400
N. Dak. ....	244	6,840	243	3.55	1,669	59	510
S. Dak. ....	233	6,180	216	3.50	1,440	50	270
Nebr. ....	280	6,730	242	3.60	1,884	68	510
Kans. ....	285	6,480	237	3.65	1,847	67	640
W. N. Cent. ....	3,656	7,484	271	3.61	27,363	989	4,040
Del. ....	23	7,700	289	3.75	177	7	10
Md. ....	207	7,610	285	3.75	1,575	59	160
Va. ....	292	6,450	245	3.80	1,883	72	1,800
W. Va. ....	108	5,280	203	3.85	570	22	850
N. C. ....	242	6,420	244	3.80	1,554	59	2,800
S. C. ....	92	5,580	220	3.95	513	20	650
Ga. ....	181	5,260	203	3.85	952	37	1,500
Fla. ....	178	7,600	304	4.00	1,353	54	80
S. Atl. ....	1,323	6,483	249	3.85	8,577	330	7,850
Ky. ....	455	5,800	226	3.90	2,639	103	1,700
Tenn. ....	459	4,780	194	4.05	2,194	89	2,000
Ala. ....	205	4,410	170	3.85	904	35	1,900
Miss. ....	284	4,000	164	4.10	1,136	47	1,700
Ark. ....	175	4,650	181	3.90	814	32	1,000
La. ....	211	4,520	181	4.00	954	38	580
Okla. ....	199	6,550	242	3.70	1,303	48	500
Tex. ....	489	6,150	228	3.70	3,007	111	1,200
S. Cent. ....	2,477	5,229	203	3.88	12,951	503	10,580
Mont. ....	67	6,070	222	3.65	407	15	310
Idaho. ....	185	8,230	305	3.70	1,523	56	150
Wyo. ....	26.5	6,790	244	3.60	180	6	90
Colo. ....	108	7,770	280	3.60	839	30	230
N. Mex. ....	40	7,100	259	3.65	284	10	70
Ariz. ....	52	10,000	355	3.55	520	18	20
Utah. ....	86	8,490	306	3.60	730	26	70
Nev. ....	14.5	8,900	316	3.55	129	5	15
Wash. ....	216	9,260	361	3.90	2,000	78	300
Oreg. ....	136	7,360	305	4.15	1,001	42	230
Calif. ....	790	10,810	395	3.65	8,540	312	120
West. ....	1,721	9,386	347	3.70	16,153	598	1,605
Alaska.....	2.5	9,080	331	3.65	22.7	1	-
Hawaii.....	14.1	9,640	342	3.55	136	5	-
U. S. ....	16,061	7,907	293	3.70	127,000	4,703	26,131

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

Table 10.-Milk used and marketed by farmers, by States, 1964

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves 1/	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers		Retailed by farmers as milk and cream 2/	Total
					As whole milk	As farm-separated cream		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Me. ....	9	21	6	36	721	-	24	745
N. H. ....	5	9	1	15	345	-	16	361
Vt. ....	24	24	1	49	1,960	-	20	1,980
Mass. ....	7	13	-	20	703	-	88	791
R. I. ....	1	2	-	3	95	-	8	103
Conn. ....	10	12	-	22	644	-	41	685
N. Y. ....	165	137	3	305	10,496	19	130	10,645
N. J. ....	12	12	-	24	1,027	-	45	1,072
Pa. ....	75	155	9	239	6,705	30	78	6,813
N. Atl. ....	308	385	20	713	22,696	49	450	23,195
Ohio. ....	90	125	9	224	5,095	29	31	5,155
Ind. ....	37	85	4	126	3,205	22	12	3,239
Ill. ....	52	99	6	157	3,925	40	22	3,987
Mich. ....	110	100	4	214	5,420	145	18	5,583
Wis. ....	480	267	2	749	18,410	15	30	18,455
E. N. Cent. ....	769	676	25	1,470	36,055	251	113	36,419
Minn. ....	190	180	5	375	10,000	575	18	10,593
Iowa. ....	135	171	12	318	4,870	930	28	5,828
Mo. ....	56	176	29	261	2,970	150	28	3,148
N. Dak. ....	40	58	13	111	560	990	8	1,558
S. Dak. ....	29	50	7	86	1,040	310	4	1,354
Nebr. ....	54	80	12	146	1,110	620	8	1,738
Kans. ....	50	80	14	144	1,490	175	38	1,703
W. N. Cent. ....	554	795	92	1,441	22,040	3,750	132	25,922
Del. ....	2	4	-	6	169	-	2	171
Md. ....	17	26	4	47	1,507	-	21	1,528
Va. ....	40	151	41	232	1,585	40	26	1,651
W. Va. ....	10	71	19	100	430	16	24	470
N. C. ....	24	167	62	253	1,275	-	26	1,301
S. C. ....	5	48	14	67	438	-	8	446
Ga. ....	9	60	33	102	810	-	40	850
Fla. ....	6	13	2	21	1,294	-	38	1,332
S. Atl. ....	113	540	175	828	7,508	56	185	7,749
Ky. ....	36	210	37	283	2,290	16	50	2,356
Tenn. ....	29	152	40	221	1,945	2	26	1,973
Ala. ....	10	104	41	155	715	-	34	749
Miss. ....	12	117	34	163	960	-	13	973
Ark. ....	10	64	22	96	700	5	13	718
La. ....	7	91	12	110	835	-	9	844
Okla. ....	27	60	11	98	1,115	70	20	1,205
Tex. ....	29	132	27	188	2,755	10	54	2,819
S. Cent. ....	160	930	224	1,314	11,315	103	219	11,637
Mont. ....	12	45	7	64	250	88	5	343
Idaho. ....	46	52	3	101	1,376	31	15	1,422
Wyo. ....	5	16	2	23	129	24	4	157
Colo. ....	26	41	5	72	700	49	18	767
N. Mex. ....	4	13	2	19	252	-	13	265
Ariz. ....	6	10	-	16	484	-	20	504
Utah. ....	12	29	2	43	665	6	16	687
Nev. ....	3	2	-	5	120	2	2	124
Wash. ....	48	51	7	106	1,829	25	40	1,894
Oreg. ....	33	43	5	81	860	32	28	920
Calif. ....	104	60	3	167	7,849	12	512	8,373
West. ....	299	362	36	697	14,514	269	673	15,456
Alaska. ....	0.6	0.6	-	1.2	20.8	-	0.7	21.5
Hawaii. ....	1	4	-	5	124	-	7	131
U. S. ....	2,204	3,693	572	6,469	114,273	4,478	1,780	120,531

1/ Excludes milk sucked by calves.

2/ Sales by producer-distributors and other farmers on own routes or at farm.



Table 11.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1964

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me. ....	721	5.26	37,925	-	-	-	11	25.2	2,772
N. H. ....	345	5.42	18,699	-	-	-	7	25.1	1,757
Vt. ....	1,960	4.74	92,904	-	-	-	9	23.2	2,088
Mass. ....	703	5.59	39,298	-	-	-	41	25.9	10,619
R. I. ....	95	5.67	5,386	-	-	-	4	25.9	1,036
Conn. ....	644	5.69	36,644	-	-	-	19	26.2	4,978
N. Y. ....	10,496	4.33	454,477	730	50	365	60	21.2	12,720
N. J. ....	1,027	5.08	52,172	-	-	-	21	24.9	5,229
Pa. ....	6,705	4.73	317,146	1,120	55	616	36	21.2	7,632
N. Atl. ....	22,696	4.65	1,054,651	1,850	53.0	981	208	23.5	48,831
Ohio.....	5,095	4.18	212,971	1,130	49	554	14	22.5	3,150
Ind. ....	3,205	4.08	130,764	870	49	426	6	21.6	1,296
Ill. ....	3,925	3.71	145,618	1,480	56	829	10	20.0	2,000
Mich. ....	5,420	4.08	221,136	5,440	58	3,155	8	20.0	1,600
Wis. ....	18,410	3.46	636,986	550	65	358	14	21.5	3,010
E. N. Cent. .	36,055	3.74	1,347,475	9,470	56.2	5,322	52	21.3	11,056
Minn. ....	10,000	3.25	325,000	20,120	64	12,877	8	19.5	1,560
Iowa.....	4,870	3.42	166,554	33,020	65	21,463	13	20.8	2,704
Mo. ....	2,970	3.86	114,642	6,080	51	3,101	13	19.2	2,496
N. Dak. ....	560	3.23	18,088	35,140	63	22,138	4	20.0	800
S. Dak. ....	1,040	3.29	34,216	10,850	60	6,510	2	20.2	404
Nebr. ....	1,110	3.71	41,181	22,320	56	12,499	4	19.0	760
Kans. ....	1,490	4.00	59,600	6,480	56	3,629	18	18.8	3,384
W. N. Cent. .	22,040	3.45	759,281	134,010	61.4	82,217	62	19.5	12,108
Del. ....	169	4.95	8,366	-	-	-	1	23.5	235
Md. ....	1,507	4.91	73,994	-	-	-	10	25.0	2,500
Va. ....	1,585	4.95	78,458	1,620	45	729	12	24.2	2,904
W. Va. ....	430	4.68	20,124	670	42	281	11	22.6	2,486
N. C. ....	1,275	5.74	73,185	-	-	-	12	20.1	2,412
S. C. ....	438	5.83	25,535	-	-	-	4	22.4	896
Ga. ....	810	5.97	48,357	-	-	-	19	22.5	4,275
Fla. ....	1,294	6.39	82,687	-	-	-	18	24.5	4,410
S. Atl. ....	7,508	5.47	410,706	2,290	44.1	1,010	87	23.1	20,118
Ky. ....	2,290	3.88	88,852	660	53	350	23	21.2	4,876
Tenn. ....	1,945	4.33	84,218	80	49	39	12	19.0	2,280
Ala. ....	715	5.79	41,398	-	-	-	16	19.8	3,168
Miss. ....	960	4.95	47,520	-	-	-	6	21.0	1,260
Ark. ....	700	4.54	31,780	200	47	94	6	20.1	1,206
La. ....	835	5.69	47,512	-	-	-	4	21.8	872
Okla. ....	1,115	4.64	51,736	2,800	54	1,512	9	19.9	1,791
Tex. ....	2,755	5.10	140,505	410	48	197	25	24.1	6,025
S. Cent. ....	11,315	4.72	533,521	4,150	52.8	2,192	101	21.3	21,478
Mont. ....	250	4.49	11,225	3,300	59	1,947	2	23.6	472
Idaho.....	1,376	3.41	46,922	1,150	58	667	7	21.8	1,526
Wyo. ....	129	4.07	5,250	860	57	490	2	20.0	400
Colo. ....	700	4.78	33,460	1,840	57	1,049	8	22.8	1,824
N. Mex. ....	252	5.09	12,827	-	-	-	6	22.0	1,320
Ariz. ....	484	5.10	24,684	-	-	-	9	23.7	2,133
Utah. ....	665	4.13	27,464	210	52	109	7	17.1	1,197
Nev. ....	120	5.17	6,204	70	60	42	1	25.0	250
Wash. ....	1,829	4.30	78,647	1,050	56	588	19	23.0	4,370
Oreg. ....	860	4.46	38,356	1,380	60	828	13	23.9	3,107
Calif. ....	7,849	4.45	349,280	460	62	285	238	22.5	53,550
West. ....	14,514	4.37	634,319	10,320	58.2	6,005	312	22.5	70,149
Alaska.....	20.8	9.38	1,951	-	-	-	0.3	38.5	116
Hawaii.....	124	8.65	10,726	-	-	-	3	29.1	873
U. S. ....	114,273	4.16	4,752,630	162,090	60.3	97,727	825	22.4	184,729

Table 12.-Farm marketings, income, and value of dairy products, by States, 1964

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products <sup>3/</sup>	Farm value of all milk produced <sup>2/ 4/</sup>
	Milk utilized	Average returns <sup>1/</sup>		Cash receipts from marketings				
		Per 100 pounds milk	Per pound milkfat		Milk utilized	Value <sup>2/</sup>		
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me. ....	745	5.46	1.40	40,697	27	1,474	42,171	42,643
N. H. ....	361	5.67	1.45	20,456	10	567	21,023	21,319
Vt. ....	1,980	4.80	1.25	94,992	25	1,200	96,192	97,392
Mass. ....	791	6.31	1.71	49,917	13	820	50,737	51,174
R. I. ....	103	6.23	1.68	6,422	2	125	6,547	6,604
Conn. ....	685	6.08	1.62	41,622	12	730	42,352	42,986
N. Y. ....	10,645	4.39	1.22	467,562	140	6,146	473,708	480,705
N. J. ....	1,072	5.35	1.45	57,401	12	642	58,043	58,636
Pa. ....	6,813	4.78	1.27	325,394	164	7,839	333,233	337,086
N. Atl. ....	23,195	4.76	1.29	1,104,463	405	19,543	1,124,006	1,138,545
Ohio.....	5,155	4.20	1.12	216,675	134	5,628	222,303	225,918
Ind. ....	3,239	4.09	1.08	132,486	89	3,640	136,126	137,628
Ill. ....	3,987	3.72	1.02	148,447	105	3,906	152,353	154,157
Mich. ....	5,583	4.05	1.11	225,891	104	4,212	230,103	234,778
Wis. ....	18,455	3.47	.95	640,354	269	9,334	649,688	666,379
E. N. Cent. ....	36,419	3.74	1.02	1,363,853	701	26,720	1,390,573	1,418,860
Minn. ....	10,593	3.20	.90	339,437	185	5,920	345,357	350,976
Iowa.....	5,828	3.27	.91	190,721	183	5,984	196,705	200,974
Mo. ....	3,148	3.82	.97	120,239	205	7,831	128,070	130,224
N. Dak. ....	1,558	2.63	.74	41,026	71	1,867	42,893	43,895
S. Dak. ....	1,354	3.04	.87	41,130	57	1,733	42,863	43,776
Nebr. ....	1,738	3.13	.87	54,440	92	2,880	57,320	58,969
Kans. ....	1,703	3.91	1.07	66,613	94	3,675	70,288	72,218
W. N. Cent. ....	25,922	3.29	.91	853,606	887	29,890	883,496	901,032
Del. ....	171	5.03	1.34	8,601	4	201	8,802	8,903
Md. ....	1,528	5.01	1.34	76,494	30	1,503	77,997	78,908
Va. ....	1,651	4.97	1.31	82,091	192	9,542	91,633	93,585
W. Va. ....	470	4.87	1.26	22,891	90	4,383	27,274	27,759
N. C. ....	1,301	5.81	1.53	75,597	229	13,305	88,902	90,287
S. C. ....	446	5.93	1.50	26,431	62	3,677	30,108	30,421
Ga. ....	850	6.19	1.61	52,632	93	5,757	58,389	58,929
Fla. ....	1,332	6.54	1.64	87,097	15	981	88,078	88,486
S. Atl. ....	7,749	5.57	1.45	431,834	715	39,349	471,183	477,278
Ky. ....	2,356	3.99	1.02	94,078	247	9,855	103,933	105,296
Tenn. ....	1,973	4.39	1.08	86,537	192	8,429	94,966	96,317
Ala. ....	749	5.95	1.55	44,566	145	8,628	53,194	53,788
Miss. ....	973	5.01	1.22	48,780	151	7,565	56,345	56,914
Ark. ....	718	4.61	1.18	33,080	86	3,965	37,045	37,525
La. ....	844	5.73	1.43	48,384	103	5,902	54,286	54,664
Okla. ....	1,205	4.57	1.24	55,039	71	3,245	58,284	59,547
Tex. ....	2,819	5.20	1.41	146,727	159	8,268	154,995	156,364
S. Cent. ....	11,637	4.79	1.23	557,191	1,154	55,857	613,048	620,415
Mont. ....	343	3.98	1.09	13,644	52	2,070	15,714	16,199
Idaho.....	1,422	3.45	.93	49,115	55	1,898	51,013	52,544
Wyo. ....	157	3.91	1.09	6,140	18	704	6,844	7,038
Colo. ....	767	4.74	1.32	36,333	46	2,180	38,513	39,769
N. Mex. ....	265	5.34	1.46	14,147	15	801	14,948	15,166
Ariz. ....	504	5.32	1.50	26,817	10	532	27,349	27,664
Utah.....	687	4.19	1.16	28,770	31	1,299	30,069	30,587
Nev. ....	124	5.24	1.48	6,496	2	105	6,601	6,760
Wash. ....	1,894	4.41	1.13	83,605	58	2,558	86,163	88,200
Oreg. ....	920	4.60	1.11	42,291	48	2,208	44,499	46,046
Calif. ....	8,373	4.81	1.32	403,115	63	3,030	406,145	410,774
West. ....	15,456	4.60	1.24	710,473	398	17,385	727,858	740,747
Alaska.....	21.5	9.61	2.63	2,067	0.6	58	2,125	2,181
Hawaii.....	131	8.85	2.49	11,599	4	354	11,953	12,036
U. S. ....	120,531	4.18	1.13	5,035,086	4,265	189,156	5,224,242	5,311,094

<sup>1/</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>2/</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>3/</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.<sup>4/</sup> Includes value of milk fed to calves.

Table 13.-Production and utilization of milk, United States, 1960-65

Item	1960	1961	1962	1963	1964	1965
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Milk production	122,951	125,442	126,021	125,009	127,000	125,061
Utilization (milk equivalent):						
Manufactured in plants:						
Creamery butter, total.....	30,473	32,975	34,222	31,967	32,598	30,218
From whey cream.....	1,099	1,213	1,168	1,233	1,302	1,315
Net.....	29,374	31,762	33,054	30,734	31,296	28,903
Cheese:						
American.....	9,686	11,179	10,689	10,920	11,454	11,431
Other.....	3,678	3,682	3,652	3,890	4,181	4,319
Canned milk:						
Evaporated.....	4,342	4,237	3,903	3,854	3,850	3,446
Sweetened condensed.....	147	154	163	174	209	214
Bulk condensed milk:						
Unsweetened.....	862	919	835	800	845	865
Sweetened.....	110	115	118	137	140	143
Dry whole milk.....	721	601	632	673	648	627
Frozen dairy products:						
Ice cream and other frozen products 1/.....	11,306	11,449	11,615	11,850	12,181	12,553
Duplication of fat from butter and condensed milk 2/.....	1,853	1,860	1,874	1,901	1,931	1,977
Net from milk and cream.....	9,453	9,589	9,741	9,949	10,250	10,576
Other factory products 3/.....	1,378	1,342	1,354	1,536	1,690	1,714
Total factory products 4/.....	59,751	63,580	64,141	62,667	64,563	62,238
Farm butter.....	1,322	1,112	902	723	572	451
Fluid consumption: Farm 5/.....	7,600	7,200	6,900	6,600	6,300	6,000
Nonfarm.....	50,900	50,300	51,100	52,200	52,900	53,400
Fed to calves.....	2,551	2,459	2,361	2,281	2,204	2,128
Exports and storage 6/.....	7	-27	-74	-133	-53	-146
Other 7/.....	820	818	691	671	514	990

1/ Includes ice cream, milk sherbet, ice milk, and other frozen dairy products. 2/ Milk equivalent of butter and condensed milk used in ice cream. 3/ Includes dry cream, malted milk powder, dry part-skim milk, dry ice cream mix, cottage cheese, and other products using milkfat. 4/ Includes net milk equivalents of butter and frozen dairy products to avoid double counting of milk from which fat was re-used in making a second dairy product. 5/ Includes an allowance for fluid consumption on farms not producing milk in addition to the consumption on farms where milk is produced shown in Table 2. 6/ Net movement of whole milk or cream into export or storage channels. A negative figure represents net imports or net out-of-storage movement during the year. 7/ Residual, including miscellaneous minor uses and any inaccuracies of independently determined production and use items.

Table 14.-Percentage utilization of milk produced, United States, 1960-65

Utilization	1960	1961	1962	1963	1964	1965
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Creamery butter, net.....	23.9	25.3	26.2	24.6	24.6	23.1
Cheese.....	10.9	11.8	11.4	11.8	12.3	12.6
Evaporated, condensed, and dry whole milk	5.0	4.8	4.5	4.5	4.5	4.2
Frozen dairy products, net.....	7.7	7.7	7.7	8.0	8.1	8.5
Other manufactured products.....	1.1	1.1	1.1	1.2	1.3	1.4
Total factory products.....	48.6	50.7	50.9	50.1	50.8	49.8
Farm butter.....	1.1	0.9	0.7	0.6	0.4	0.3
Fluid consumption:						
Farm.....	6.2	5.7	5.5	5.3	5.0	4.8
Nonfarm.....	41.4	40.1	40.5	41.8	41.7	42.7
Fed to calves.....	2.1	2.0	1.9	1.8	1.7	1.7
Other uses.....	0.6	0.6	0.5	0.4	0.4	0.7



Producer marketings down 1 percent

Milk marketed by farmers totaled 119 billion pounds during 1965 -- down 1 percent from the record quantity marketed in 1964. Sales of whole milk to plants and dealers, at 114 billion pounds, about equaled 1964 sales. Farm-separated cream sales (milk equivalent) totaled 3.8 billion pounds, compared with 4.5 billion a year earlier. Retail sales of milk and cream by farmers totaled 1.8 billion pounds in 1965, equaling the 1964 quantity.

Cash receipts from marketings at record level

Cash receipts from marketings of milk and cream totaled a record high of \$5,084 million in 1965. This was 1 percent above the previous record in 1964. Cash receipts from marketings increased in all regions except the West North Central, where they decreased 2 percent. Increases were 3 percent in the South Atlantic and South Central Regions and 1 percent in the North Atlantic, East North Central, and West. Wisconsin led the States in cash receipts from milk and cream marketings, accounting for one-eighth of the United States total. New York was second, followed by California, Minnesota, and Pennsylvania. These five leading States accounted for 43 percent of the Nation's receipts from milk and cream marketed.

Marketings of milk and cream returned \$4.27 per 100 pounds in 1965, compared with \$4.18 in 1964.

Cash receipts from whole milk sold to plants and dealers were \$4,819 million, or 1 percent more than in 1964. Returns from milkfat in cream totaled \$83 million -- down 15 percent from 1964. Retail sales returned \$182 million, compared with \$185 million in 1964. Prices received for milk retailed by farmers averaged 22.4 cents per quart in 1965, the same as in 1964.

The farm value of all milk produced in 1965 is \$5,343 million -- about 1 percent more than in 1964.

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Manufacturing grade milk 31 percent of deliveries to plants in 1965

Manufacturing grade milk represented 31 percent of the whole milk sold by farmers to plants and dealers in 1965. This is 1 percentage point less than in 1964. Reflected in the national reduction was a decline in the manufacturing grade percentage in the East North Central, South Atlantic, and South Central Regions.

Table 15.-Manufacturing grade milk as percent of all milk sold by farmers to plants and dealers, by regions, selected years, 1950-65

Region	1950	1955	1960	1961	1962	1963	1964	1965
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Atlantic.....	3	2	1	1	1	1	1	1
East North Central..	56	52	45	43	42	40	41	40
West North Central..	63	66	69	70	71	71	72	72
South Atlantic.....	17	13	10	10	9	8	8	7
South Central.....	38	33	27	27	26	25	24	22
Western.....	41	36	26	25	24	22	18	18
U. S. ....	39	37	33	33	33	32	32	31